

Express Mail Label No. EL651341495US Dated: December 3, 2001

Docket No.: SONYJP-161  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Ryuji Ishiguro et al.

International Application No.: PCT/JP01/02929

Group Art Unit: N/A

International Filing Date: April 4, 2001

Examiner: Not Yet Assigned

For: INFORMATION PROCESSING SYSTEM AND  
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It is respectfully requested that the references listed on the enclosed Form PTO-1449 be made of record and considered with respect to the above-referenced U.S. patent application. A copy of each reference is enclosed. These references were cited in the background section of the present specification and/or a corresponding International Search Report, a copy of which is enclosed. Submission of the present Information Disclosure Statement should not be taken as an admission that the cited references are legally available prior art or that the same are pertinent or material.

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Dated: December 3, 2001

Respectfully submitted,

By 

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	
				First Named Inventor	Ryuji Ishiguro
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	SONYJP-161

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A	US-6,049,878-	04-11-2000	Caronni, et al.	
	B	US-5,748,736-	05-05-1998	Mitra	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	C	JP-11-187013-A	07-09-1999	IBM Japan, Ltd.		**
	D	WIPO-01/03364-A1	01-11-2001	Matsushita Electric Ind. Co.,		✓
	E	WIPO-01/03365-A1	01-11-2001	Matsushita Electric Ind. Co		✓

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	F	WALDVOGEL, M., et al., "The VersaKey Framework: Versatile Group Key Management", IEEE Journal on Selected Areas in Communications, Vol. 17, No. 9, pages 1614 to 1631, September 1999 (09.99), pages 1616, right column to page 1621, left column	✓
	G	WONG, C. K. et al., "Secure Group Communications Using Key Graphs" Proceedings of ACM SIGCOMM'98, pages 68 to 79, 02 September, 1998 (02.09.98), 3.4 Leaving a tree key graph ( <a href="http://www.acm.org/sigcomm/sigcomm98/tp/technical.html">http://www.acm.org/sigcomm/sigcomm98/tp/technical.html</a> )	✓
	H	Chang, et al, "Key Management for Secure Internet Multicast Using Boolean Function Minimization Techniques", Proceedings of Inocom'99, Vol. 2, p. 689-698 24 March, 1999 (24.03.99) II. KEY MANAGEMENT SCHEME ( <a href="http://www.ieee-infocom.org/1999/">http://www.ieee-infocom.org/1999/</a> )	✓

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